

# California OES Weather Threat Briefing

Tuesday, December 14, 2021  
9:00 AM PST

**Day 1 (Tuesday):** Heavy rain, mountain snow, and strong, gusty winds are expected again today, especially across Southern California. Flash Flooding is possible across several Southern California burn scars.

National Weather Service

*Western Region Headquarters  
Regional Operations Center  
Salt Lake City, UT*



# WEATHER KEY POINTS

12/14/21 - 12/20/21

## Tuesday - Monday

- A significant weather system will continue to bring rain, mountain snow, and gusty winds to much of the state.
  - Snow levels across Northern and Central California will range from 1000-4000 feet, but accumulating snow is possible as low as 1000 feet above sea level by the end of the storm Tuesday, 12/14/2021
  - Moderate to heavy rain and snow are expected for Northern and Central California, with 2-4 inches of rain possible in the valleys and 4-6 feet or more of snow likely in the Sierras
  - Areas of strong, gusty winds of 50-70 mph could lead to tree damage and local power outages. Higher gusts are expected across the Sierra ridges.
    - Low visibility is expected at higher elevations with snow and blowing snow.
  - Across Southern California, the heaviest precipitation is expected Tuesday 12/14/2021, with up to 2-4 inches of rain possible across coastal Southern California, and 3-5 inches of rain in the southern foothills and mountains.
    - Snow is also expected across higher mountains of Southern California, with travel impacts possible. Snow levels will start out around 7000 ft, then lower to 4500 ft through the day Tuesday 12/14/2021. One to three feet of snow is expected for Southern California mountains above 7000 feet
    - **One to three inches of snow is expected around 3500-4500 feet on the Grapevine/I-5, and could cause travel impacts on that roadway**
  - The heavy rain and snow will raise the threat for flash flooding, mudslides/debris flows, and travel hazards across the region.
    - **At this time, the burn scars of concern include the Alisal, Apple, Bobcat, Bond, Dam, Dolan, El Dorado, Ranch 2, Lake, Palisades, KNP, Windy, and the SQF Complex.**
  - Precipitation is expected to end sometime Tuesday night into early Wednesday
- Gusty winds, rain and mountain snow are possible Wednesday and Thursday across primarily northern California and into the foothills and Sierras. Travel impacts are again possible at higher elevations
- More quiet conditions are expected for the weekend.



# CALIFORNIA WEATHER IMPACTS

12/14/21 - 12/20/21

<u>Hazards / Day</u>	TUE	WED	THU	FRI	SAT	SUN	MON
<b>Non-Thunderstorm Damaging Winds</b>	Inland/ Southern	Inland/ Southern	Inland				
<b>Snow</b>	Coastal/ Inland/ <u>Southern</u>	Coastal/ Inland/ Southern	Coastal/ Inland				
<b>Coastal Flooding</b>							
<b>River Flooding</b>							
<b>Thunderstorms</b> (Wind / Hail / Tornadoes)							
<b>Fire Weather</b> (Low Humidity / Wind / Dry Thunderstorms)							
<b>Heat Risk</b>							
<b>Heavy Rain/Flash Flooding/ Debris Flow</b>	Southern	Southern					
<b>Cold</b>							



No Impacts



Minimal Impacts



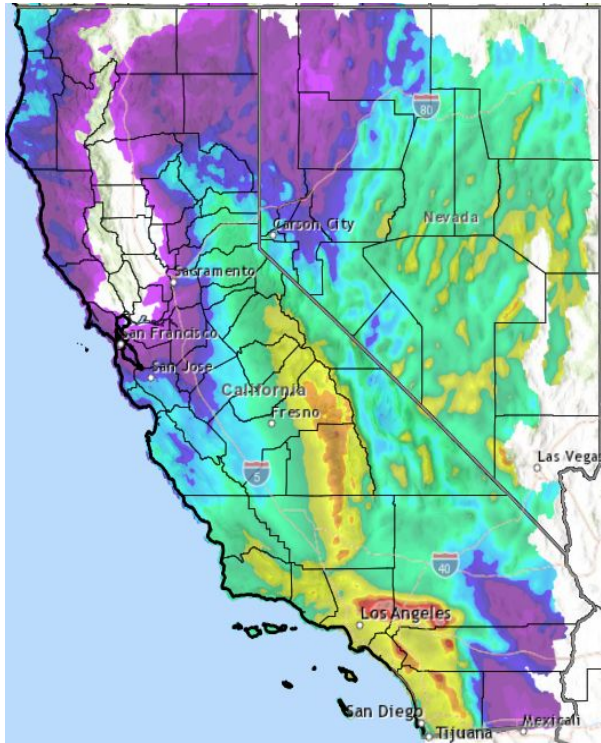
Moderate Impacts



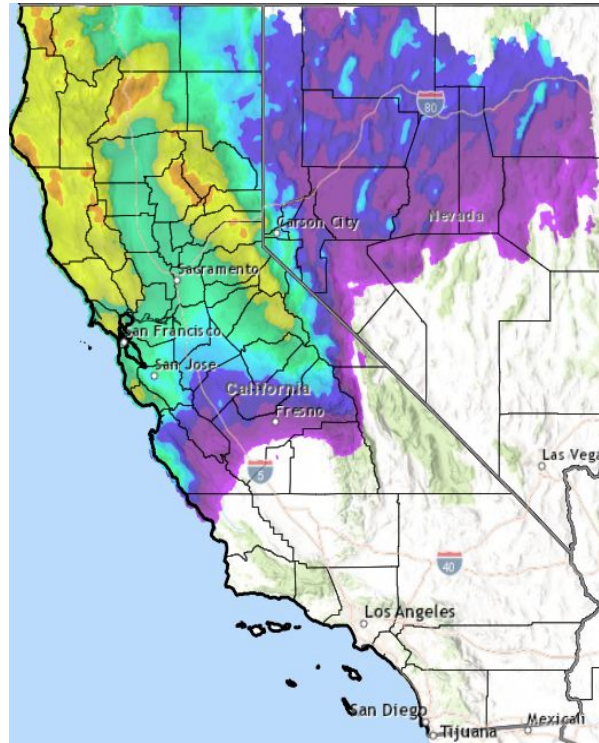
Severe Impacts

# PRECIPITATION FORECAST

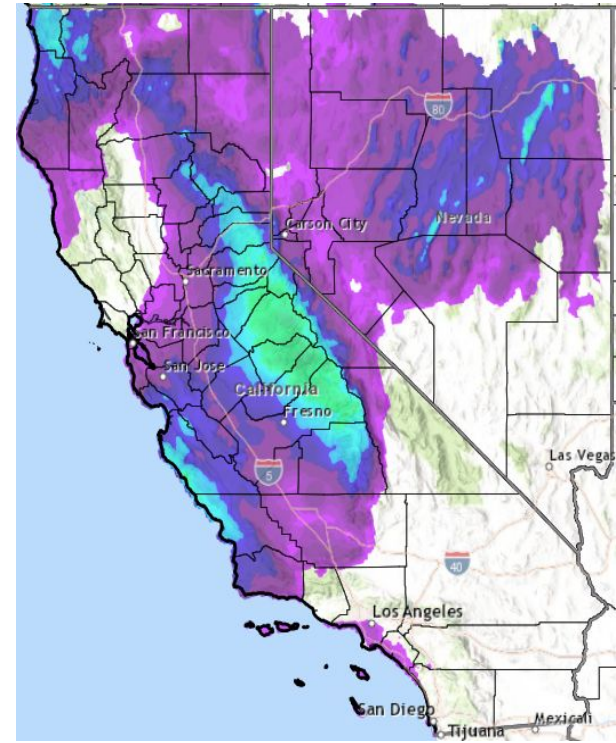
12/14/21 - 12/16/21



**Tuesday**



**Wednesday**



**Thursday**

**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

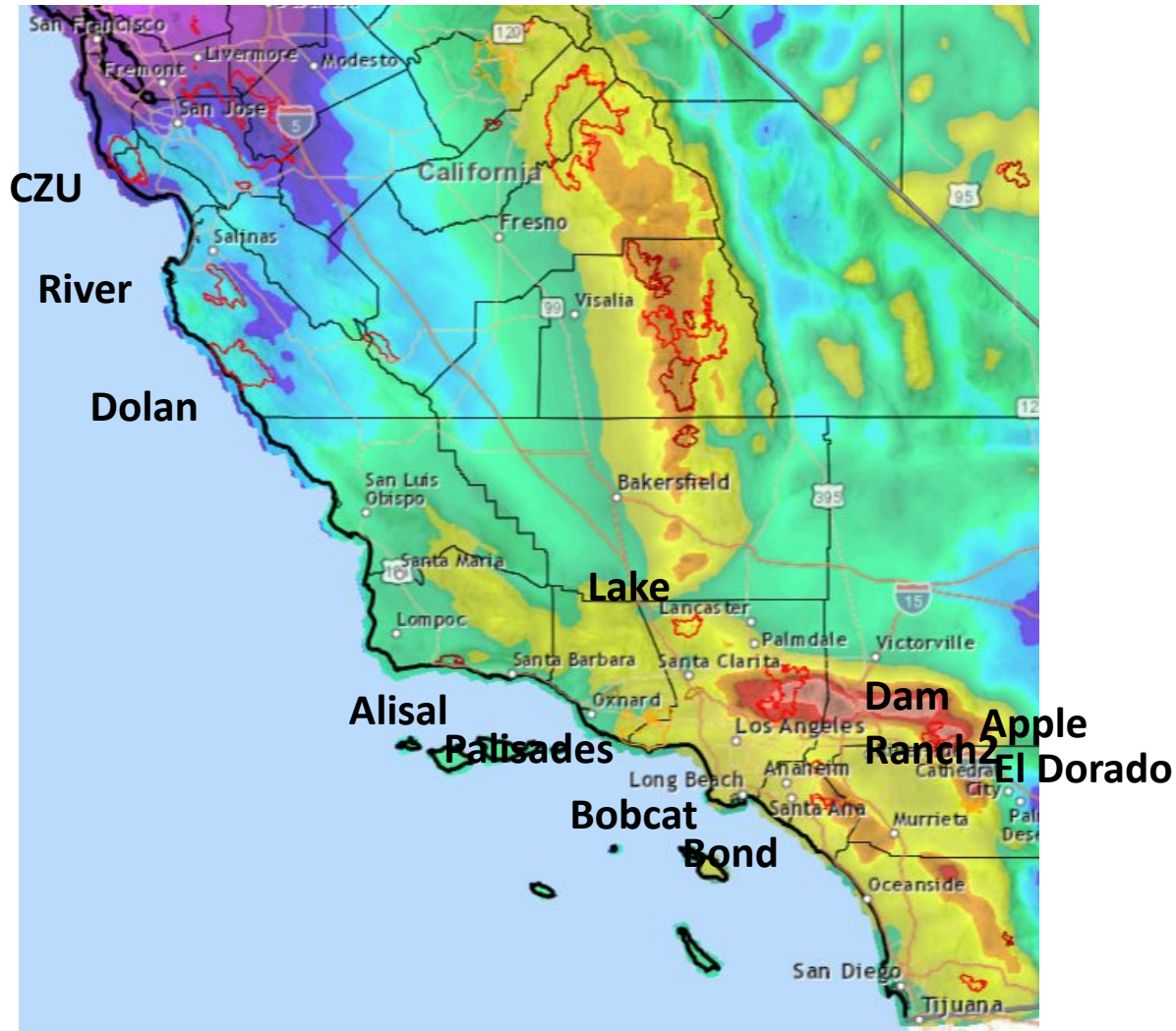
**Precipitation (inches)**





# PRECIPITATION FORECAST - BURN SCAR AREAS

12/14/21



Precipitation (inches)



**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms may produce locally higher rainfall amounts.

# **WEATHER OUTLOOK**

**12/19/21 - 12/27/21**

## **6-10 Day Outlook (December 19 – December 23)**

### **Temperatures**

- Below normal temperatures are favored statewide

### **Precipitation**

- Above normal precipitation is favored statewide

## **8-14 Day Outlook (December 21 – December 27)**

### **Temperatures**

- Below normal temperatures are favored to continue statewide

### **Precipitation**

- Above normal precipitation is favored statewide, especially in central California



Information provided by:

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